

# SUNY Canton 2020/2021 ABET – ACCREDITED PROGRAM

## ELECTRICAL ENGINEERING TECHNOLOGY

AAS degree program (Curriculum 699)

Faculty Members: Stephen Frempong, Rashid Aidun, David Hartle, Shahrokh Sani

		<u>First Semester</u>		
<u>Courses</u>		<u>Credit</u>	<u>Term</u>	<u>Grade</u>
FYEP 101	First Year Experience	1	_____	_____
ELEC 101	Electric Circuits I	3	_____	_____
ELEC 109	Electric Circuits I Laboratory	1	_____	_____
ELEC 161	Electronic Fabrication	2	_____	_____
ENGL101	Composition & the Spoken Word	3	_____	_____
MATH 123	Pre-Calculus Algebra	4	_____	_____
<b>SOET 116</b>	<b>Intro to CAD and Design</b>	<u>2</u>	_____	_____
		16		
		<u>Second Semester</u>		
ELEC 102	Electric Circuits II	3	_____	_____
ELEC 129	Electric Circuits II Laboratory	1	_____	_____
ELEC 141	Industrial Controls	2	_____	_____
ELEC 165	Digital Fundamentals & Systems	3	_____	_____
ELEC 166	Digital Fundamentals & Systems Lab	1	_____	_____
ENGL ____	*English (Literature)	3	_____	_____
MATH 161	Calculus I	<u>4</u>	_____	_____
		17		
		<u>Third Semester</u>		
ELEC 231	Electronic Circuits	4	_____	_____
<b>ENGS 102</b>	<b>Programming for Engineers</b>	2	_____	_____
ELEC 213	Microprocessors	3	_____	_____
ELEC 215	Electrical Energy Conversion	4	_____	_____
<b>PHYS121/131</b>	<b>College <u>or</u> University Physics I</b>	3	_____	_____
PHYS125/135	Physics Lab I	<u>1</u>	_____	_____
		17		
		<u>Fourth Semester</u>		
ELEC 203	Engineering Technology Project	1	_____	_____
<b>ELEC225/383</b>	<b>Telecommunications <u>or</u> Power Transmission &amp; Distribution</b>	3	_____	_____
<b>ELEC 332</b>	<b>Industrial Power Electronics</b>	3	_____	_____
ELEC 243	Automated Control Systems	2	_____	_____
<b>PHYS122/132</b>	<b>College <u>or</u> University Physics II</b>	3	_____	_____
PHYS 126/136	Physics Lab II	1	_____	_____
SOET 377	*Engineering Ethics	1	_____	_____
		14		

\*Suggested English Literature Electives: ENGL203, 204, 205, 206, 109, 215, 216, 217, 225 or 295

\*Writing Intensive Course

**Graduation Requirements: 64 Semester Credit Hours with a G.P.A. of 2.0 minimum**

Name of student.....Certified for graduation (Yes/No)

SN.....Certified by.....Date.....

Class of.....Total G.P.A.....

